## What is claimed is:

A gateway server, comprising:

a convert section converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a

5 request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal; and

an output section outputting said second contents to said small terminal.

- 2. The gateway server according to Claim 1, wherein said small terminal is one of a portable wireless telephone, a PHS terminal and a personal digital assistant.
- 3. The gateway server according to Claim 1, wherein said second contents can be displayed in said display section.
- 4. The gateway server according to Claim 1, wherein said convert section judges whether said first contents is a picture contents, and when said first contents is not said picture contents, said convert section does not convert said first contents into said second contents.

5. The gateway server according to Claim 1, wherein said convert section does not convert said first contents into said second contents, when said first contents is received from said contents server in response to a request of a non-small terminal other than said small terminal, and

wherein said output section outputs said first contents to said non-small terminal.

- 6. The gateway server according to Claim 1, wherein said display performance corresponds to the number of display pixels of said display section.
- 7. The gateway server according to Claim 1, wherein said display performance corresponds to the number of display colors of said display section.
- 8. A contents obtaining system, comprising:

  a terminal having a display section to display
  a contents;
- a contents server storing a contents; and

  a gateway server arbitrating a communication

  between said terminal and said contents server, and

  wherein said terminal outputs a first request

  of obtaining a needed contents to said gateways server,

  and
- wherein said gateway server outputs a second

request of obtaining said needed contents to said contents server in response to said first request, and

wherein said contents server outputs said
needed contents to said gateway server in response to
said second request, and

wherein said gateway server converts said needed contents into a specific contents, wherein said specific contents corresponds to a display performance of said display section of said terminal, and

wherein said gateway server outputs said specific contents to said terminal.

9. The contents obtaining system according to Claim 8, wherein said gateway server judges whether said needed contents is a picture contents, and

wherein when said needed contents is not said picture contents, said gateway server does not convert said needed contents into said specific contents and said gateway server outputs said needed contents instead of said specific contents to said terminal.

- 10. The contents obtaining system according to Claim 8, wherein said terminal is one of a small terminal and a terminal other than said small terminal, and
- wherein when said terminal is said small terminal, said terminal outputs said first request of

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obtaining said needed contents to said gateways server, said first request including a information indicating that said terminal is said small terminal, and

wherein said gateway server does not convert said needed contents into said specific contents when said gateway server does not receive said information.

- 11. A contents obtaining method, comprising:
- (a) outputting a first request of obtaining a contents to a gateways server from a terminal;
- (b) outputting a second request of obtaining said contents to a contents server from said gateway server in response to said first request;
- (c) outputting said contents to said gateway server from said contents server in response to said second request;
- (d) converting said contents into a specific contents in said gateway server, wherein said specific contents corresponds to a display performance of a display section of said terminal; and
- (e) outputting said specific contents to said 15 terminal from said gateway server.
  - 12. The contents obtaining method according to Claim 11, further compaising:
  - (f) judging whether said contents is a picture contents, and

wherein when said contents is not said picture contents as the result of said (f), said (d) is not performed and said (e) includes outputting said contents instead of said specific contents to said terminal from said gateway server.

13. The contents obtaining method according to Claim 11, wherein said terminal is one of a small terminal and a terminal other than said small terminal, and

wherein when said terminal is said small terminal, said (a) includes outputting said first request of obtaining said contents to said gateways server from said terminal said first request including a information indicating that said terminal is said small terminal, and

wherein said (d) is not performed when said gateway server does not receive said information.

- 14. A computer readable recording medium for recording a program for a process, comprising:
- (a) converting a first contents into a second contents, wherein said first contents is received from a contents server in response to a request of a small terminal and said second contents corresponds to a display performance of a display section of said small terminal; and

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- (b) outputting said second contents to said 10 small terminal.
  - 15. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said small terminal is one of a portable wireless telephone, a PHS terminal and a personal digital assistant.
  - 16. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said second contents can be displayed in said display section.
  - 17. The computer readable recording medium for recording a program for a process according to Claim 14, further comprising:
  - (c) judging whether said first contents is a picture contents; and wherein said (a) is not performed when said first contents is not said picture contents as the result of said (c).
    - 18. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said (a) is not performed when said first contents is received from said contents server in

5 response to a request of a non-small terminal other than said terminal, and

wherein said (b) includes outputting said first contents to said non-small terminal when said (a) is not performed.

- 19. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said display performance corresponds to the number of display pixels of said display section.
- 20. The computer readable recording medium for recording a program for a process according to Claim 14, wherein said display performance corresponds to the number of display colors of said display section.

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